



PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PATENT APPLICATION OF: SURAJIT CHAUDHURI ET AL.

Serial No. 09/759,804 Examiner: not yet assigned
Filed 01/12/01 Group Art Unit not yet assigned
Title: IMPROVED SAMPLING FOR QUERIES
Docket 15-910 - 4254

Assistant Commissioner for Patents
Washington, D.C. 20231

REVOCATION AND POWER OF ATTORNEY

The undersigned, owner of the entire right, title and interest in and to an application for letters patent for IMPROVED SAMPLING FOR QUERIES, Serial No. 09/759,804, filed January 12, 2001, hereby revokes all previous powers of attorney and appoints each of the following attorneys, all of whom are associated with Watts, Hoffmann, Fisher & Heinke Co., L.P.A. (Telephone No. 216/241-6700, Facsimile No. 216/241-8151), an attorney of record to prosecute this application and to transact all business in the Patent Office connected therewith: Thomas E. Fisher, Reg. No. 18,271; Lowell L. Heinke, Reg. No. 19,471; James G. Watterson, Reg. No. 20,180; Linn J. Raney, Reg. No. 23,078; John R. Hlavka, Reg. No. 29,076; Stephen J. Schultz, Reg. No. 29,108; Richard A. Sharpe, Reg. No. 34,722; George L. Pinchak, Reg. No. 37,697; Paul A. Serbinowski, Reg. No. 34,429; Kenneth J. Smith, Reg. No. 45,115; William A. Johnston, Reg. No. 47,687 and Jennifer Nock Hinton, Reg. No. 47,653 and the following attorney(s), all of whom are associated with Microsoft Corporation having an address of One Microsoft Way, Redmond, Washington 98052-6399, namely, Daniel D. Crouse, Reg. No. 32,022 and Katie E. Sako, Reg. No. 32,628 and hereby appoints the foregoing Stephen J. Schultz, Reg. No. 29,108 principal attorney.

And hereby designates as mailing address the office of:

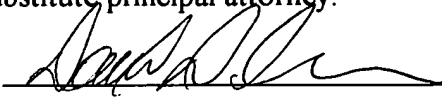
WATTS, HOFFMANN, FISHER & HEINKE CO., L.P.A.
1100 Superior Ave., Ste. 1750
Cleveland, OH 44114

I hereby certify that this paper is being deposited with the U. S. Postal Service as First Class Mail addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231

4/17/01
Maren B...

The undersigned hereby further designates and appoints any officer of Watts,
Hoffmann, Fisher & Heinke Co., L.P.A. his attorney in fact with full power of substitution and
revocation, including power to designate a substitute principal attorney.

Date 4/10/07

A handwritten signature in dark ink, appearing to read "Daniel D. Crouse", is written over a horizontal line.

Daniel D. Crouse
Assistant Secretary